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AF 3732
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Neal B. Gittleman

Art Unit :3732

Serial no.: 10/034,538

Confirmation No. 1429

Filing date: 12/26/2001

Examiner of Application: Cary E. O'Conner

Expandable Dental Implant Apparatus -- Amended Claims Language

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Response to Office Action of 3 June 2005.

Sir:

Corrections to Claims 5 and 10 are offered to overcome examiner's objections.

5. (Currently amended) A dental implant apparatus as described in Claim 3 ~~with expandable sides for locking into a predrilled hole in bone having an upper conformal socket, a hollow expansion tube with a wall having alternate ribs and open spaces, and a lower retaining nut; said hollow expansion tube compressible along a major axis by tightening a retaining compression screw through said conformal socket, said expansion tube and said retaining nut;~~ and said ribs expanding outward upon the tightening of said retaining compression screw ~~comprising outwardly expanding ribs with~~ comprising a notched edge on said ribs bowing outward to a greater distance than the un-notched edge of said ribs to prevent rotation of said dental implant apparatus during installation and use, said notched edges on said ribs alternating edges of alternate said ribs.

(Currently amended) A dental implant apparatus, as described in Claim 3, ~~comprising a hollow expansion tube having~~ comprising a truncated conical shape to better mimic the normal root shape of a tooth.




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